

REMARKS

This is Response is to an Office Action mailed February 12, 2002 ("Office Action"). The Office Action has been reviewed, and in view of the foregoing amendments and following comments, reconsideration and allowance of all the claims pending in the application are respectfully requested.

Status of the Claims

Claims 1-33 are all the claims pending in the application. Claims 1-3, 8-10, 15-17, 19, 21-23 and 26-33 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over U.S. Patent No. 5,745,360 issued to Leone ("Leone") in view of U.S. Patent No. 5,987,422 issued to Buzsaki ("Buzsaki"). Claims 4-7, 11-14, 18, 20, and 24-25 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Leone in view of Buzsaki and further in view of U.S. Patent No. 5,627,764 issued to Schutzman et al. ("Schutzman"). Claims 1-33 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Leone in view of U.S. Patent No. 5,987,422 issued to Bromley ("Bromley").

Rejections Under 35 USC § 103(a)

Independent claims 1, 8, 15, and 21 stand rejected as allegedly being unpatentable over Leone in view of Buzsaki. Independent claims 1, 8, 15, and 21 also stand rejected as allegedly being unpatentable over Leone in view of Bromley. Applicants respectfully traverse this rejection. However, in an attempt to advance prosecution, Applicants have amended claims 1, 8, 15, and 21. Independent claim 1 has been amended to recite that a server system facilitating one or more object management tasks, of a server, associated with one or more non-markup language objects, the system comprising:

a server;

RESPONSE TO PAPER NO. 32
U.S. PATENT APPLICATION SERIAL NO. 09/100,131
ATTORNEY DOCKET NO. 23452-034

one or more databases, in communication with the server, comprising one or more non-markup language objects;

a workflow module that facilitates one or more object management tasks, of the server, associated with the one or more non-markup language objects according to a predefined process, wherein the workflow process notifies at least one user that at least one action is required for the one or more non-markup language objects, and wherein the at least one user is someone other than a creator of the one or more non-markup language objects, and wherein the workflow module performs the one or more object management tasks without requiring user input;

a replication module that enables bi-directional replication processes which enable access to the most recent versions of the one or more non-markup language objects; and

an integrated development module that enables manipulation of the one or more non-markup language objects in an integrated development environment.

At least the features of “a replication module that enables bi-directional replication processes which enable access to the most recent versions of the one or more non-markup language objects; and an integrated development module that enables manipulation of the one or more non-markup language objects in an integrated development environment” are not suggested or disclosed in Leone, Buzsaki, Bromley, or their combinations. Independent claims 8, 15, and 21 have been amended to recite similar features to the above quoted features recited in claim 1. Therefore, Applicants respectfully submit that independent claims 1, 8, 15, and 21, as amended, are allowable for at least the foregoing reasons.

Claims 2-3, 9-10, 16-17, 19, 22-23 and 26-33 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Leone in view of Buzsaki. Claims 2-3, 9-10, 16-17, 19, 22-23 and 26-33 also stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Leone in view of Bromley. Dependent claims 2-3, 9-10, 16-17, 19, 22-23 and 26-33 each depend from one of independent claims 1, 8, 15, and 21 and, therefore, contain the features recited in the independent claims. As mentioned above,

RESPONSE TO PAPER NO. 32
U.S. PATENT APPLICATION SERIAL NO. 09/100,131
ATTORNEY DOCKET NO. 23452-034

the cited references or their combinations fail to suggest or disclose the features in the independent claims and, thus, necessarily fail to suggest or disclose the features in the dependent claims. Therefore, Applicants respectfully submit that dependent claims 2-3, 9-10, 16-17, 19, 22-23 and 26-33 are also allowable for at least the foregoing reasons.

Claims 4-7, 11-14, 18, 20, and 24-25 stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Leone in view of Buzsaki, and further in view of Schutzman. Claims 4-7, 11-14, 18, 20, and 24-25 also stand rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Leone in view of Bromley. Dependent claims 4-7, 11-14, 18, 20, and 24-25 each depend from one of independent claims 1, 8, 15, and 21 and, therefore, contain the features recited in the independent claims. As mentioned above, the cited references or their combinations fail to suggest or disclose the features in the independent claims and, thus, necessarily fail to suggest or disclose the features in the dependent claims. Therefore, Applicants respectfully submit that dependent claims 4-7, 11-14, 18, 20, and 24-25 are also allowable for at least the foregoing reasons.

CONCLUSION

Applicants respectfully submit that this application is in condition for allowance and such disposition is earnestly solicited. If the Examiner believes that a telephone conference or interview would advance prosecution of this application in any manner, the undersigned stands ready to conduct such a conference at the convenience of the Examiner.


RESPONSE TO PAPER NO. 32
U.S. PATENT APPLICATION SERIAL NO. 09/100,131
ATTORNEY DOCKET NO. 23452-034

It is believed that no other fees are due in connection with filing this Response. In the event that it is determined that fees are due, however, the Commissioner is hereby authorized to charge the undersigned's Deposit Account No. 50-0311, Attorney Docket No. 23452-034.

Respectfully submitted,

Mintz Levin Cohn Ferris Glovsky and Popeo, PC

Dated: June 12, 2002 By:



Christopher Cuneo
Registration No. 42,450

11911 Freedom Drive, Suite 400
Reston, VA 20190
Telephone (703) 464-4800
Facsimile (703) 464-4895

RES 70843v1



APPENDIX-A

VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. **(Fourth Amendment)** A server system facilitating one or more object management tasks, of a server, associated with one or more non-markup language objects, the system comprising:
 - a server;
 - one or more databases, in communication with the server, comprising one or more non-markup language objects; [and]
 - a workflow module that facilitates one or more object management tasks, of the server, associated with the one or more non-markup language objects according to a predefined process, wherein the workflow process notifies at least one user that at least one action is required for the one or more non-markup language objects, and wherein the at least one user is someone other than a creator of the one or more non-markup language objects, and wherein the workflow module performs the one or more object management tasks without requiring user input;
 - a replication module that enables bi-directional replication processes which enable access to the most recent versions of the one or more non-markup language objects; and
 - an integrated development module that enables manipulation of the one or more non-markup language objects in an integrated development environment.
2. The system of claim 1, wherein the workflow module performs the one or more tasks based on an occurrence of one or more events.
3. The system of claim 2, wherein the workflow module distributes the one or more objects according to the predefined process.
4. The system of claim 1, further comprising a notifying module that notifies the system user that an action is required for the one or more objects.
5. The system of claim 1, further comprising a markup language translator that translates the one or more non-markup language objects to representations of one or more markup language objects.
6. The system of claim 1, wherein the server comprises a HTTP server module.

7. The system of claim 1, wherein the server comprises a non-markup language server module.

8. **(Thrice Amended)** A server system facilitating one or more object management tasks, of a server, associated with one or more non-markup language objects, the system comprising:

server means;

database means, in communication with the server means, for storing one or more non-markup language objects;

workflow means for facilitating one or more object management tasks of the server, the workflow means associated with the one or more non-markup language objects according to a predefined process, wherein the workflow process notifies at least one user that at least one action is required for the one or more non-markup language objects, wherein the at least one user is someone other than a creator of the one or more non-markup language objects, and wherein the workflow means performs the one or more object management tasks without requiring user input;

a replication means that enables bi-directional replication processes which enable access to the most recent versions of the one or more non-markup language objects; and

an integrated development means that enables manipulation of the one or more non-markup language objects in an integrated development environment.

9. The system of claim 8, wherein the workflow means performs the one or more tasks based on an occurrence of one or more events.

10. The system of claim 8, wherein the workflow means distributes the one or more non-markup language objects according to the predefined process.

11. The system of claim 10, further comprising notifying means for notifying a system user that an action is required for the one or more objects.

12. The system of claim 8, further comprising translator means for translating the one or more non-markup language objects to one or more markup language objects.

13. The system of claim 8, wherein the server means comprises a HTTP server module means for communicating with one or more markup language database means.

14. The system of claim 8, wherein the server means comprises non-HTML server module means for communicating with the non-markup language database means.

15. **(Thrice Amended)** A method for facilitating one or more object management tasks, of a server, associated with one or more non-markup language objects, the method comprising the steps of:

- storing one or more non-markup language objects in one or more databases;
- creating a workflow process to be applied to the one or more non-markup language objects, wherein the work flow process notifies at least one user that at least one action is required for the one or more non-markup language objects, and wherein the at least one user is someone other than a creator of the one or more non-markup language objects;
- determining a workflow process to apply to one or more non-markup language objects; [and]
- applying the workflow process to the one or more non-markup language objects, wherein the workflow process performs one or more object management tasks relating to the one or more non-markup language objects without requiring user input;
- enabling replication using bi-directional replication process which ensures to access the most recent versions of the one or more non-markup language objects, wherein said non-markup language objects are stored in one or more non-markup language databases , wherein said non-markup language database assigns a unique identifier to the one or more non-markup language objects, and wherein the method retrieves the one or more non-markup language objects based on the unique identifier; and
- enabling an integrated development that enables manipulation of the one or more non-markup language objects in an integrated development environment.

16. The method of claim 15, further comprising the step of applying the workflow process according to a predetermined process.

17. The method of claim 15, further comprising the step of distributing the one or more non-markup language objects according to the workflow process.

18. The method of claim 17, further comprising the step of notifying a system user that an action is required for the one or more objects.

19. The method of claim 15, further comprising the step of performing the workflow process based on an occurrence of one or more events.

20. The method of claim 15, further comprising the step of translating the one or more non-markup language objects to one or more markup language objects.

21. **(Thrice Amended)** An electronic storage medium having code embodied therein for causing a processor to facilitate one or more object management tasks, of a server, associated with one or more non-markup language objects, the medium comprising:

communicating code that causes a processor to enable a server to communicate with one or more databases comprising one or more non-markup language objects; [and]

workflow facilitating code that causes a processor to facilitate workflow of one or more object management tasks, of the server, associated with the one or more non-markup language objects according to a predefined process, wherein the workflow process notifies at least one user that at least one action is required for the one or more non-markup language objects, wherein the at least one user is someone other than a creator of the one or more non-markup language objects, and wherein the workflow facilitating code causes a processor to perform the one or more object management tasks without requiring user input;

replication code that causes a processor to use bi-directional replication process which ensures the browser to access the most recent versions of the one or more non-markup language objects, wherein said non-markup language objects are stored in one or more non-markup language databases , wherein said non-markup language database assigns a unique identifier to the one or more non-markup language objects, and wherein the processor readable code causes the processor to retrieve the one or more non-markup language objects based on the unique identifier; and

integrated development code that causes a processor to enable manipulation of the one or more non-markup language objects in an integrated development environment.

22. The medium of claim 21, wherein the workflow facilitating code performs the one or more tasks based on an occurrence of one or more events.

23. The medium of claim 21, wherein the workflow facilitating code distributes the one or more non-markup language objects according to the predefined process.

24. The medium of claim 23, further comprising notifying code that causes a processor to notify a system user that an action is required for the one or more non-markup language objects.

25. The medium of claim 21, further comprising translating code that causes a processor to translate the one or more non-markup language objects to one or more markup language objects.

26. The system of claim 1, wherein the workflow module routes the one or more objects according to the predefined process.

27. The system of claim 1, wherein the workflow module tracks the one or more objects according to the predefined process.

28. The system of claim 8, wherein the workflow means routes the one or more objects according to the predefined process.

29. The system of claim 8, wherein the workflow means tracks the one or more objects according to the predefined process.

30. The method of claim 15, further comprising the step of routing the one or more non-markup language objects according to the workflow process.

31. The method of claim 15, further comprising the step of tracking the one or more non-markup language objects according to the workflow process.

32. The medium of claim 21, wherein the work flow facilitating codes routes the one or more objects according to a predefined process.

33. The medium of claim 21, wherein the work flow facilitating code tracks the one or more objects according to the predefined process.